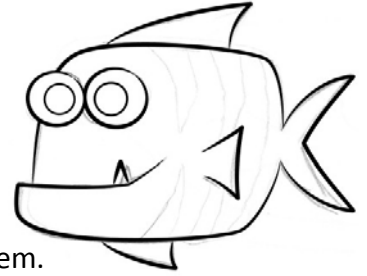


BILL NYE BUOYANCY WORKSHEET

1. The whole reason things stay afloat or sink is because water is _____.
2. If you are _____ water, you are pushing it out of the way.
3. The water something displaces does / does not weigh the same as the item displacing it.
4. The shape of a boat does / does not make a difference on whether or not it will float.
5. Things displace as much water as they _____.
6. Things will / will not sink until they float.
7. An item will _____ until it displaces as much water as it weighs.
8. One person leaving one piece of trash on a beach causes / does not cause a problem.
9. When thrown in a pool, an empty milk carton will _____.
10. People, like Bill Nye, tend to _____ in water.
11. By filling their swim bladders with _____ fish can control their depth in water.
12. Something has _____ buoyancy if it doesn't either sink or float.
13. A buoyancy compensator is a vest scuba divers fill with air to control how much they swim / float.
14. It is possible / impossible to float in air.
15. If the amount something weighs is the same as the displaced weight of the water, it _____.

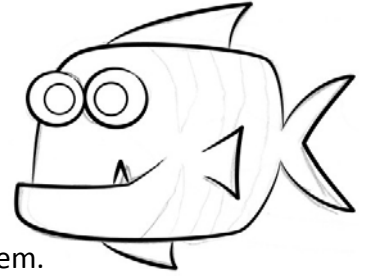


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SUMMARY: *Write 4 sentences about what you learned from this video!*

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